

SURFACE COIL DECOUPLING MEANS
FOR MRI SYSTEMS

ABSTRACT OF THE DISCLOSURE

[0036] A system and method for decoupling coils in a medical imaging system are provided. The coil system includes a first coil of a medical imaging system, a second coil of the medical imaging system, and a balun device connected to the first and second coils. The balun device is configured to decouple the first and second coils of the medical imaging system.